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 PRODUCT-DETAILS

## ST203M-D8

### Miniature Circuit Breaker - ST200M - 3P - 8 A - D




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#### General Information

<b>Extended Product Type:</b>	ST203M-D8
<b>Product ID:</b>	2CDS273334R0081
<b>EAN:</b>	4016779023627
<b>Catalog Description:</b>	Miniature Circuit Breaker - ST200M - 3P - 8 A - D
<b>Long Description:</b>	ST203M-D8 Miniature Circuit Breaker ST203M-D8 Miniature Circuit Breaker D-Char., 10kA, 8A, 3P
<b>Display Name:</b>	ST203M-D8

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#### ABB EcoSolutions

<b>ABB EcoSolutions:</b>	Yes
<b>Recyclability Rate of the Product acc. to EN45555:</b>	Design for Closing Resource Loops - Standard EN45555 - 80.7 %
<b>ABB Site Meeting Group Waste To Landfill Target:</b>	No non-hazardous waste is sent to a landfill
<b>Extended Product Lifetime:</b>	Product Durability

End Of Life Disassembling Instructions: 9AKK108468A3132

Environmental Product Declaration - EPD: 9AKK108467A7832

## Technical

Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ):	(400 V AC) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ):	(400 V AC) 11.2 kA
Energy Limiting Class:	3
Number of Protected Poles:	3
Number of Poles:	3P
Accessories Available:	Yes
Connecting Capacity:	Flexible 25 ... 25 mm <sup>2</sup> Rigid 35 ... 35 mm <sup>2</sup>
Terminal Type:	Double Clamp

## Electrical

Tripping Characteristic:	D
Rated Operational Voltage:	acc. to IEC 60898-1 400 V acc. to IEC 60947-2 400 V AC
Rated Insulation Voltage ( $U_i$ ):	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	4 kV
Input Voltage Type:	AC/DC
Rated Current ( $I_n$ ):	8 A
Rated Conditional Short-Circuit Current ( $I_{nc}$ ):	(230 V) 15 kA (400 V) 15 kA
Rated Frequency (f):	50 / 60 Hz
Power Loss:	7.2 W at Rated Operating Conditions per Pole 3.6 W
Overvoltage Category:	III

## Technical UL/CSA

Interrupting Rating acc. to UL1077:	(125 V DC) 10 kA (480Y / 277 V AC) 10 kA
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## Material Compliance

RoHS Declaration:	9AKK108472A0372
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20251203
REACH Declaration:	9AKK107492A1906

<b>REACH Information:</b>	False - does not contain substances > 0.1 mass percentage
<b>REACH Date:</b>	20251029
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108468A3363
<b>Toxic Substances Control Act - TSCA:</b>	9AKK108468A8104
<b>SCIP:</b>	171856b6-03a8-4c04-9bae-ec01c5a7d7da Germany
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>WEEE B2C / B2B:</b>	Business To Business

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## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C
<b>Degree of Protection:</b>	IP20
<b>Pollution Degree:</b>	3

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## Dimensions

<b>Width in Number of Modular Spacings:</b>	3
<b>Product Net Width:</b>	52.5 mm
<b>Product Net Height:</b>	88 mm
<b>Product Net Depth / Length:</b>	69 mm
<b>Product Net Weight:</b>	0.336 kg
<b>Built-In Depth (t<sub>2</sub>):</b>	69 mm

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## Ordering

<b>Package Level 1 Units:</b>	carton 3 piece
<b>Package Level 1 Gross Weight:</b>	1.028 kg

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## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	2CDK400679D2703
<b>Declaration of Conformity - UKCA:</b>	9AKK108467A5200

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## Installation

<b>Instructions and Manuals:</b>	9AKK107046A3150
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## Popular Downloads

<b>Data Sheet, Technical Information:</b>	9AKK107046A3150
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### External Classifications and Standards

<b>ETIM 9:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 10:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>UNSPSC:</b>	39121603
<b>eClass:</b>	V11.0 : 27141901
<b>IDEA Granular Category Code (IGCC):</b>	4899 >> Miniature circuit breaker (MCB) screw-in model
<b>Standards:</b>	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
<b>Certification Agency:</b>	CSA EN IEC UL

### Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers MCBs > Miniature Circuit Breakers MCBs > ST200M



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